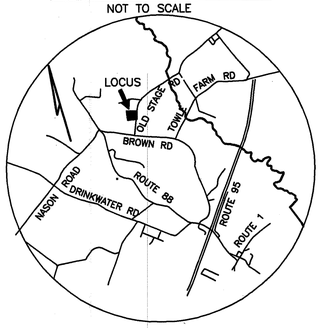
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL ROOT 20" ASH ELEV 97.31

#2 SET NAIL 14" OAK ELEV 99.46

#3 SET HUB ELEV 98.34

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 95.4
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS.

SUITABLE REPLACEMENT AREA:

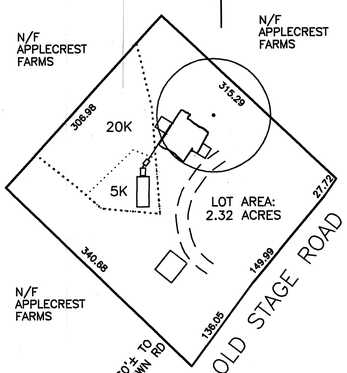
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- 50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

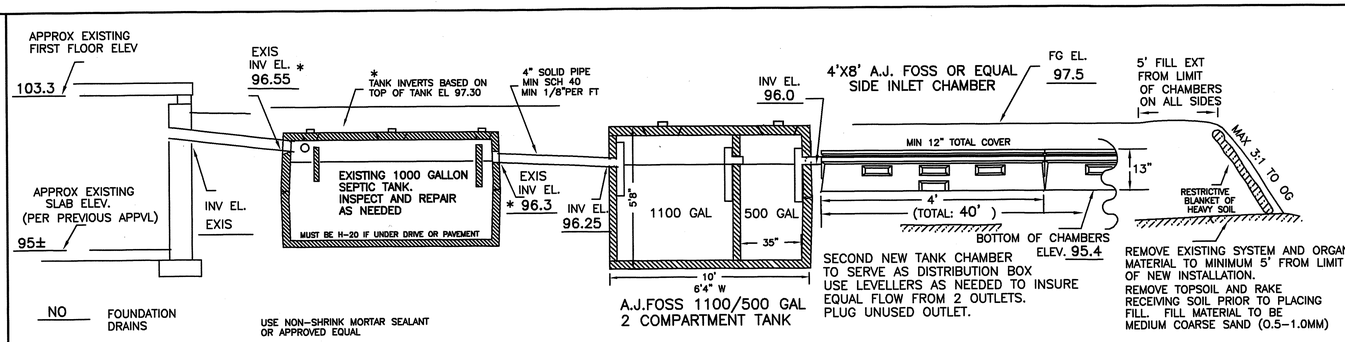
NOTES:

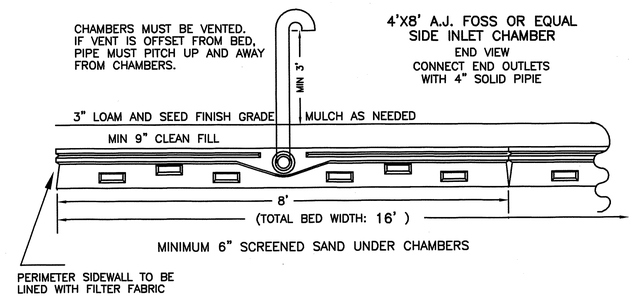
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN C31990
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 PREVIOUS CONSTRUCTION APPROVAL # 86177
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.



PLOT PLAN

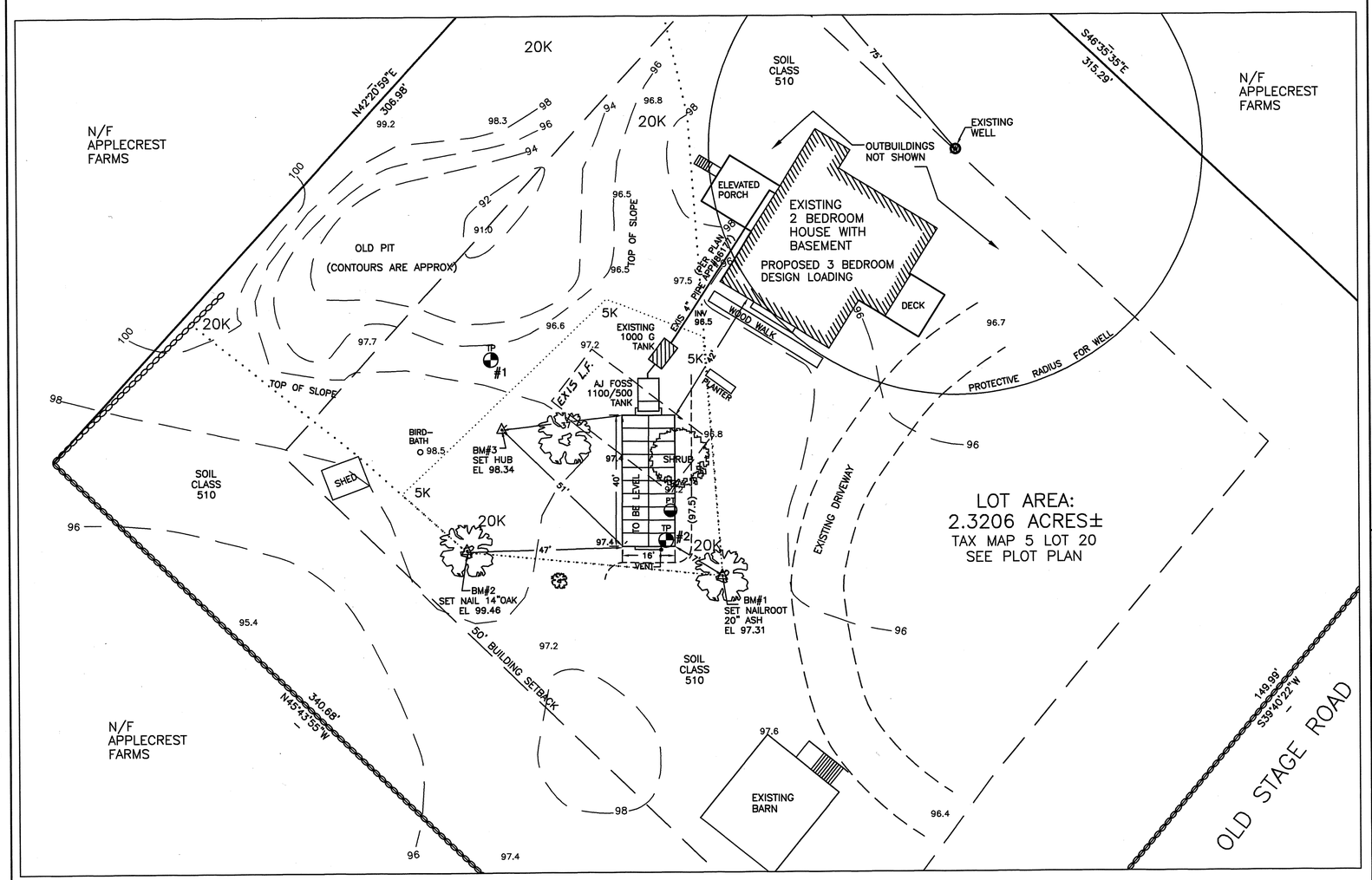
1"=APPROX 100'


APPROX EXISTING FIRST FLOOR ELEV
103.3
EXIS INV EL. * 96.55
* TANK INVERTS BASED ON TOP OF TANK EL 97.30
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 96.0
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
FG EL. 97.5
5' FILL EXT FROM LIMIT OF CHAMBERS ON ALL SIDES
APPROX EXISTING SLAB ELEV. (PER PREVIOUS APPVL)
95±
INV EL. EXIS
EXISTING 1000 GALLON SEPTIC TANK. INSPECT AND REPAIR AS NEEDED
MUST BE H-20 IF UNDER DRIVE OR PAVEMENT
EXIS INV EL. * 96.3
INV EL 96.25
5'8"
1100 GAL
500 GAL
35"
10'
6'4" W
MIN 12" TOTAL COVER
13"
4'
(TOTAL: 40')
MAX 3:1 TO OG
RESTRICTIVE BLANKET OF HEAVY SOIL
BOTTOM OF CHAMBERS ELEV. 95.4
SECOND NEW TANK CHAMBER TO SERVE AS DISTRIBUTION BOX USE LEVELLERS AS NEEDED TO INSURE EQUAL FLOW FROM 2 OUTLETS. PLUG UNUSED OUTLET.
REMOVE EXISTING SYSTEM AND ORGANIC MATERIAL TO MINIMUM 5' FROM LIMIT OF NEW INSTALLATION.
REMOVE TOPSOIL AND RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE SAND (0.5–1.0MM)
NO FOUNDATION DRAINS
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
A.J.FOSS 1100/500 GAL 2 COMPARTMENT TANK


CHAMBERS MUST BE VENTED. IF VENT IS OFFSET FROM BED, PIPE MUST PITCH UP AND AWAY FROM CHAMBERS.
4'X8' A.J. FOSS OR EQUAL SIDE INLET CHAMBER
END VIEW
CONNECT END OUTLETS WITH 4" SOLID PIPIE
MIN 3'
3" LOAM AND SEED FINISH GRADE
MULCH AS NEEDED
MIN 9" CLEAN FILL
8'
(TOTAL BED WIDTH: 16')
MINIMUM 6" SCREENED SAND UNDER CHAMBERS
PERIMETER SIDEWALL TO BE LINED WITH FILTER FABRIC

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: JUNE 8, 2005

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEV 96.5

0 – 4"	10YR3/4 LOAM AND ROOT MAT
4 –36"	10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE
36–38"	ORIGINAL TOPSOIL
38–84"	2.5Y4/4 GRAVELLY FINE SANDY LOAM, SOME SILTS GRANULAR FRIABLE TO 5', FIRMER BELOW

ESHWT @ 60"+, NO OBSERVED WATER, NO REFUSAL
ROOTS TO 5'+

TEST PIT #2 ELEV 97.2

0 – 8"	10YR3/4 LOAM AND ROOT MAT
8 –26"	10YR4/4 GRAVELLY COARSE SAND LOOSE, SINGLE GRAIN
26–84"	2.5Y4/4 GRAVELLY FINE SANDY LOAM FIRM IN PLACE, FRIABLE REMOVED

ESHWT @ 72"+ (NO EVIDENCE), NO OBSERVED WATER, NO REFUSAL
ROOTS TO 28"+

PERC TEST DATA

DATE: 6/27/05

PERC RATE: 10 MIN/IN DEPTH: 22"

DESIGN LOADING: 3 BEDROOMS

AREA REQUIRED: 825 SF X 1.25 HAMPTON FALLS = 1031 SF
1031 SF X 0.6 CHAMBERS = 619 SF

AREA PROPOSED: TWENTY 4X8 CHAMBERS = 16' X 40' = 640 SF CHAMBER AREA PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL # 86177

LOCUS: 12 OLD STAGE ROAD
HAMPTON FALLS, NH

OWNER: RODNEY B. VIGNEAU
12 OLD STAGE ROAD
HAMPTON FALLS, NH 03844

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: JULY 5, 2005

APPROVAL: CA20050773766